

Wheel Days 2019 Demolition Derby

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REGULAR DEMO RULES

1. Body: Loose materials, mirrors, wheel covers, sharp hood ornaments, and lights, must be removed. No trailer hitches. All chrome and glass (windshields, side, and back windows) must be removed. **Body lines may be peened or heat treated. 2, 3 strand sections of 9 wire may be added any place inside of the car example: humps, body mounts to roof, rear window opening, roof to frame, front sub to roof. 2 spots only!!! Must be deemed safe for driver of car though, use your heads!!!**
2. All doors must be secured. Driver's side doors may be welded on all outside seams partially or fully or can be chained shut. Passengers doors can be chained or welded if welded they are to be done **1" on 1" off, 2" on 2" off, 3" on 3" off etc.** with sections of rod or straps. **WELDS MUST BE ON EXTERIOR SEAMS ONLY. (IF WELDED)**
3. Rollover bars are **not** permitted. A 4-way cage can be used with a bar near the dash area and a bar behind the driver seat welded to the sides of the car running parallel to roof. Plates no larger than **6x6**. Nothing will be connected to the floor or frame in any way. **NO KICKERS**. Spreader bar behind driver seat can still be used. **CANNOT EXTEND 6" PAST FRONT DOOR SEAM**. Halo bars can also be used if connected to side bars and top of door at roof line. **TRUCKS ONLY**: two kickers of off rear bar of cage may be hooked to top of frame at an angle of 45 degrees. Must be in front of rear axle.
4. Motor mounts may be welded or chained. **CRADLES ARE ALLOWED**. Body mounts may be replaced with bolts, and up to 4" x 4" washers. Must remain in factory location 5/8" – 3/4" bolt max. Sub Framing is allowed must remain in factory location. No additional mounts. Distributor protectors are allowed but must not be hooked to fire wall.
5. **Cold Bending is allowed. Slider drive Shafts are allowed. You can pitch or tilt 80's or newer Ford's**, but it must be done in **one of two ways**. 1: Cold pitch at crush box - **NO ADDED METAL**. 2: Cut 3 of the flaps at crush box, drop the front frame section and re-weld (only these 3 flaps) do not re-weld any other crush box seams - **NO ADDED METAL**- you can use up to a 6 inch spacer in front. Re-rod cannot go through the hood. **TILTED CARS WILL RUN WITH THE BIG CARS OR IMPERIALS!** Ford Vic aluminum subs may be replaced with steel ones. Imperial subs may only be used on other Chrysler's but will run with Imperials. Anything larger than 107 inch wheelbase (big car show) the **TOP** of frames may be welded with weld only, 1/2" max no metal added, this will be allowed from the front to rear of the car. On sub-framed cars uni-body may be welded front to back one seam only, no overlapping of seams. Example: top of front frame or uni-body then behind sub switch to one body seam rocker or inside **BOTTOM** of doors, then to seam, then over humps to rear of the car. **ONE seam on each side of car only!!!** Humps may be chained or wired down, no plates.
6. Pre-ran cars are allowed to replace or patch frame sections. Must remain as stock as possible no overlapping of metal.

7. Rear end gears may be welded or Mosher type rear ends are allowed. Max 8 lug rears. Watts conversion allowed. Differential may be chained or welded up.
8. Battery may be placed anywhere under the hood or may be located in the cockpit, but must be fastened securely to the passenger side floor or seat and fully covered by a rubber mat. 2 batteries are allowed in car but only one may be used during show, no exceptions.
9. Engines can be of any make, can be different from make of car, protectors are allowed (cradles). Gas pedals, brake pedals and steering column may be replaced but openings in firewall must be as small of opening as possible (driver safety)
10. Fan blade must be clutch-type or electric fan and may be of any make or model. Original equipped, belt driven fans must be protected by a radiator fan shroud or the fan blades must be removed. Fan shroud must be original or made of sheet metal. Ignition may be altered, toggle or wires allowed.
11. FENDERS: may be pinched together and max. of FIVE 5/16 inch bolts or smaller may be used.
12. Gas tanks may be moved, but must be securely fastened to the trunk or back seat area, also must be covered with sheet metal. May use original tank or metal boat or snowmobile tank. No tin cans, plastic or fiberglass tanks allowed. If original tank is used it MUST be chained or strapped up. Gas lines may run through inside of the car. (Must be securely fastened.)
13. GAS TANK PROTECTORS ARE ALLOWED, BUT MUST BE 3" TO 4" FROM HUMP. NO KICKERS ALLOWED.
14. Radiator may be bypassed, but must remain in original position with no reinforcements. All anti-freeze should be drained and replaced with water. Metal tanks may be used but cannot extend to engine protector.
15. HOOD AND TRUNKS: After inspection you can use 6 5/8" BOLTS, or 1/4" chains, or you can use 3 strands 9 wire on each side (1 location of 3 strands per side) and may go around front bumper or frame. No full length angle iron allowed, 3"-4" allowed per side. If you strap hood down, you must cut a hole in the hood, 1' to the side of the center of the air cleaner and no larger than 12" in diameter. All hood and trunk latch springs must be removed. Hinges must remain hooked up. Trunks can be welded 1" on 1" off, 2" on 2" off, 3" on 3" off, etc. with sections of rod or straps only. Exterior seams only. If trunk is welded a 12"x18" hole must be cut in the CENTER of the trunk. IF HOOD IS CUT: you may use up to TEN 5/16" bolts or smaller to pinch together.
16. All carpet, visors, upholstery, door panels, and both seat cushions must be removed. All dirt and loose pieces of glass must be swept out of the car.
17. All sunroofs must be covered with metal.
18. SUSPENSION: You may use wire to hold coil springs in. May be fixed to height of 24" to center of bumper. No reinforcing of frame. Rods, welds, and bolts, etc. may be used to achieve desired height. LEAF SPRINGS – 4 CLAMPS PER SIDE ONLY including factory ones. **NO DUCT TAPE!** Watts conversion may be used.
19. Any ply tires can be used. Up to 17" rims may be re-enforced along with valve stems. All wheel weights must be removed. Tire inside tire allowed. Weld-in centers allowed.

20. Transmission mount may be welded. **NO TRANSMISSION PROTECTORS ARE ALLOWED.** Floor shifters are allowed. The floor around shifter must have a rubber boot to prevent objects, etc. from entering cockpit. Transmission lines may be bypassed. Transmission cooler can be used inside car if safe and secure. Cross member may be welded in.
21. Exhaust pipes may go through hood, but must be installed safely.
22. **BUMPERS:** You may weld or re-bolt the bumper to the bumper mount (bumper must remain at stock location) Do not mount bumper on top of frame. You may weld shock bumper or use a 3/8"x4"x10" plate to weld from bumper to frame on one side of each frame rail. A 3/8" CHAIN MAY BE CONNECTED TO THE BUMPER (WELDED OR BOLTED). **MUST BE BOLTED TO THE FRAME, ONE LAYER OF FRAME ONLY.** Rear bumper must remain any stock production bumper. **FRONT BUMPER:** factory bumpers are allowed to be loaded, seam welded and reinforced behind factory shell. No altering of bumper from original shape. A homemade bumper may be used. Maximum height 8" minimum 4" must be rectangle or square with open ends. 3/8"x6"x6" mount to frame. No jagged edges allowed. Point can be made, but must not exceed 8" from rear of bumper and must be minimum 24" wide centered on bumper. Example: if 8"x8" square tubing, no point will be allowed. **NO ROUND BUMPERS.**
23. After the derby has started, you may not switch drivers without approval from **SUPERINTENDENT.** Only qualified drivers are allowed in feature.
24. Sedagan's are now allowed, but inspectors must be able to see inside. A hole must be cut for visibility.
25. Absolutely no other welding on vehicle at all. Also, no other changes are to be made on vehicle other than those listed above.
26. All contestants will have one (1) minute to restart and /or make contact with a live car. **NO TRAPPING** will be allowed. All drivers must stay in their cars while on the track unless told by officials to exit vehicle.